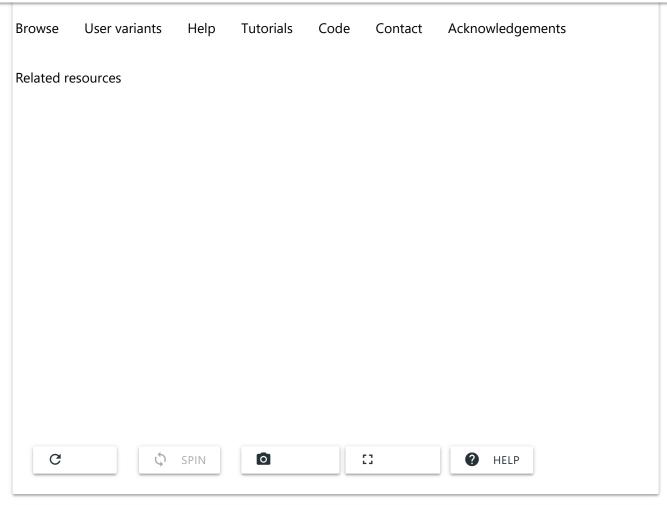
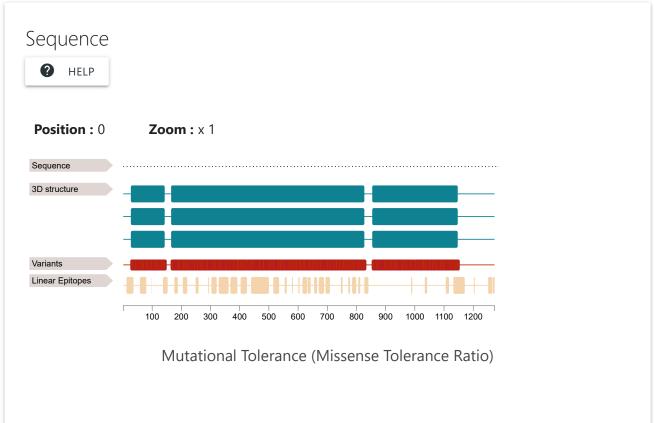
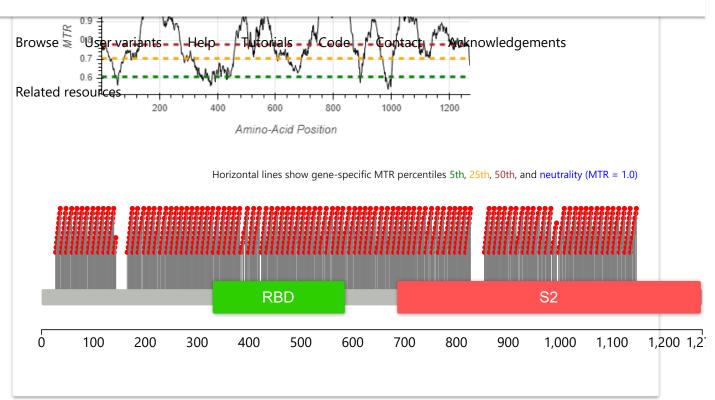
Browse User variants Help Tutorials Code Contact Acknowledgements Surface glycoprotein (Spike) (Uniprot: PODTC2 - GenBank: QHD43416)

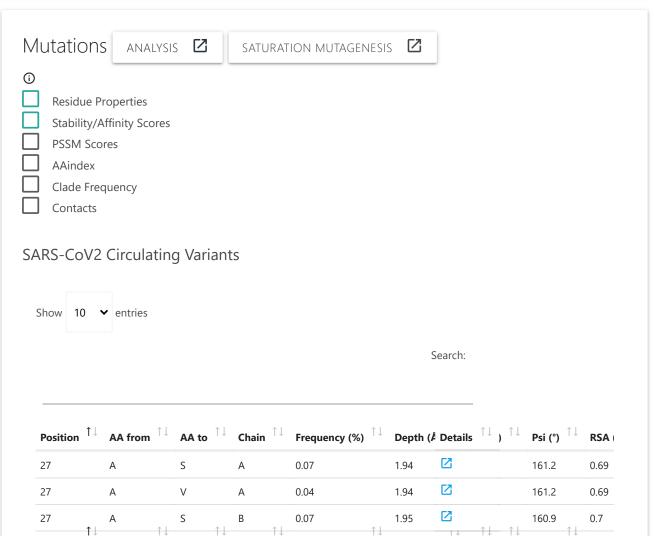
MTR: 0.85 (Intolerant) / RVIS: -0.14 (Intolerant)

3D Structure		Structure ① Closed ▼	
Background Û White ▼	Representation Cartoon	Color Scheme ① Secondary Structure	Pockets ① #1 - Volume 62395.395 ų EasyVS
Pocket © COVID-19 Varian Variant Frequence Evolutionary Cou	y ① pling ① SARS ①	Fragment Hotspot Donor	
Opac	ty: 0.6		









Brows	se ²⁷	User Ìriants	Help	Tutorials	^{0.0} Code	Contact 197	Ackn	owledg	ements	0.7
	27	А	Е	Α	< 0.01	1.94			161.2	0.69
Relate	e∛ res	ources ^A	E	В	< 0.01	1.95	Ø		160.9	0.7
	27	А	Е	С	< 0.01	1.97			160.1	0.7
	27	А	K	А	< 0.01	1.94		360	161.2	0.69
	4									>

PREVIOUS 1 2 3 4 5 ... 870 NEXT

Mutations from SARS ^①



Search:

Position $\uparrow\downarrow$	AA from $^{\uparrow\downarrow}$	AA to $^{\uparrow\downarrow}$	Chain $^{\uparrow\downarrow}$	Frequency (%) $^{\uparrow\downarrow}$	Depth (Å	Details $\uparrow\downarrow$) ^{↑↓}	Psi (°) ↑↓	RSA
127	V	Α	Α	< 0.01	2.69	Ø	}	132.5	0.2
127	V	Α	В	< 0.01	2.67	ď	,	131.4	0.2
127	V	Α	С	< 0.01	2.7	ď		131.3	0.2
194	F	L	Α	< 0.01	4.22	ď		124.4	0.01
194	F	L	В	< 0.01	4.22	ď)	124.2	0.01
194	F	L	С	< 0.01	4.23	Ø	;	124.2	0.01
618	Т	Α	Α	< 0.01	1.85	ď		-41.9	0.63
618	Т	Α	В	< 0.01	1.9	ď	ļ	-35	0.52
618	Т	Α	С	< 0.01	1.91	ď	ŀ	-33.6	0.52
687	V	I	Α	< 0.01	1.93	-85.2		96.6	0.89
4									•

Showing 1 to 10 of 15 entries

PREVIOUS 1 2 NEXT

Mutations from Bat RaTG13 ^①

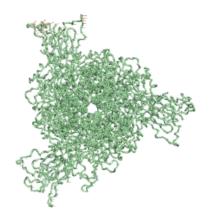


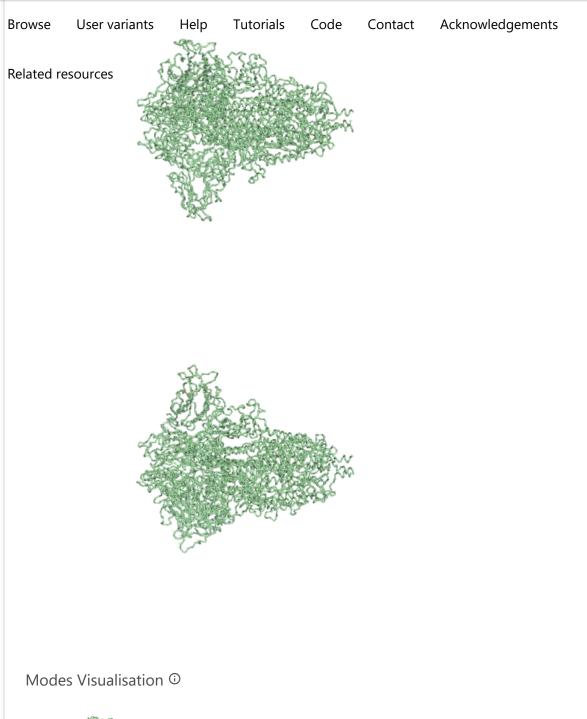
Search:

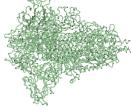
32 F S A < 0.01 Related resources _F S B < 0.01 32 F S C < 0.01 50 S L A 0.01 50 S L B 0.01	3.07
32 F S C < 0.01 50 S L A 0.01	3.07
50 S L A 0.01	1.79 🖸 135.2 0.37
50 S L B 0.01	[7]
	1.79 🔼 135.2 0.36
50 S L C 0.01	1.79
76 T I A 0.06	1.88 🖸 152.1 0.42
76 T I B 0.06	2.2 🖸 136.7 0.51
76 T I C 0.06	1.92
218 Q P A < 0.01	1.79 -69.8 142.2 0.71
4)

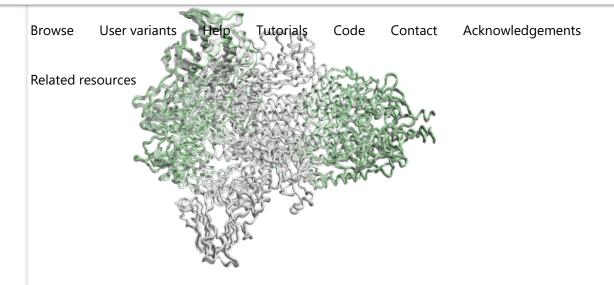
Normal Mode Analysis

Porcupine Plots ①

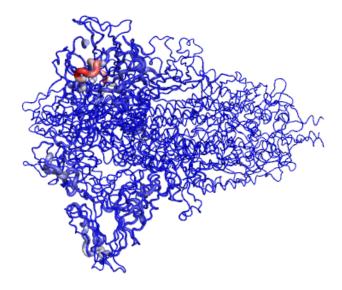




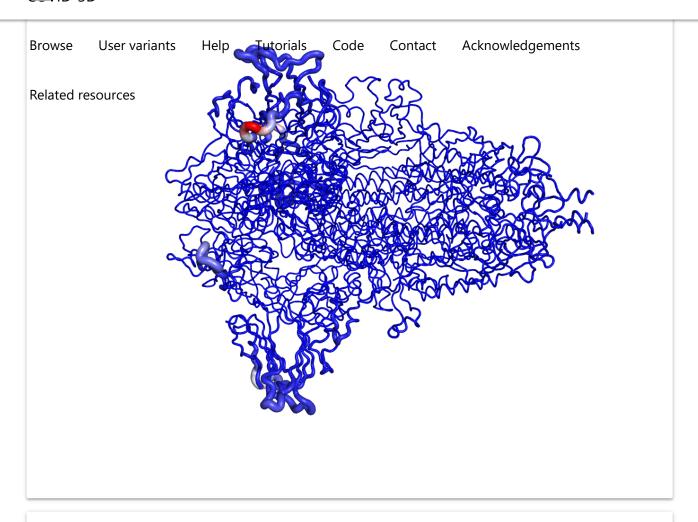




Deformation Energy ①



Atomic Fluctuation ①



Molecular Dynamics

COVID-3D - Surface glycoprotein (Spike) ...



Browst P®SEFWafTBMKsTUREHelp 🛨 TMoFffill》 NS Code Contact Acknowledgements

Related resources

Biosig Lab

Our group is interested in developing and experimentally validating notecomplificational methods to exploit this data, enhancing the minimum sequencing, structural genomics, and functional genomics on biology and medicine.







MD

Downloads